Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of testing voice call quality in a Voice Over Internet Protocol (VOIP) network comprising:

enabling a communications device connected to the VOIP network to answer a test call received over the VOIP network by playing a voice file, wherein playing the voice file comprises transmitting the voice file over the VOIP network in response to receiving the test call;

generating the test call over the VOIP network to the communications device; ~~and~~

measuring voice call listening quality from the voice file played by the communications device; and

assigning a plurality of unique telephone numbers to the communications device, wherein each unique telephone number is associated with a different service level.

2. (Original) The method of claim 1, wherein the communications device is a VOIP gateway.

3. (Original) The method of claim 1, wherein measuring comprises:

measuring the voice call listening quality using a perceptual test model.

4. (Original) The method of claim 3, wherein the perceptual test model comprises Perceptual Analysis Measurement System (PAMS).

5. (Original) The method of claim 3, wherein the perceptual test model comprises Perceptual Speech Quality Measurement (PSQM).

6. (Original) The method of claim 1, wherein enabling comprises:

configuring the communications device to use an interactive response unit within the communications device to answer the test call.

7. (Original) The method of claim 1, wherein generating comprises:

controlling a test probe to place the test call to the communications device.

8. (Original) The method of claim 7, wherein measuring comprises:

using the test probe that placed the test call to measure the voice call listening quality.

9. (Original) The method of claim 8, wherein the test probe is connected to the VOIP network over an IP connection.

10. (Currently Amended) A method of testing voice call quality in a Voice Over Internet Protocol (VOIP) network comprising:

enabling communications devices connected to the VOIP network to answer test calls received over the VOIP network by playing embedded voice files, wherein playing the embedded voice files comprises transmitting the voice files over the VOIP network in response to receiving the test calls;

controlling a single test probe to generate test calls over the VOIP network to the communications devices, wherein the test calls are generated according to a test call generation schedule; and

using the single test probe to measure the voice call listening quality from the embedded voice files played by the communications devices.

11. (Original) The method of claim 10, wherein the communications devices include a VOIP gateway.

12. (Original) The method of claim 11, wherein the communications devices further include a VOIP telephone.

13. (Currently Amended) A computer program product residing on a computer readable medium for testing voice quality in a Voice Over Internet Protocol (VOIP) network, comprising instructions causing a computer to:

enable a communications device connected to the VOIP network to answer a test call received over the VOIP network by playing a voice file, wherein playing the voice file comprises transmitting the voice file over the VOIP network in response to receiving the test call;

assign a plurality of unique telephone numbers to the communications device, wherein each unique telephone number is associated with a different service level;

generate a test call over the VOIP network to the communications device via a selected one of the plurality of unique telephone numbers; and

measure voice listening quality from the voice file played by the communications device.

14. (Currently Amended) A voice call listening quality testing system comprising:

a plurality of Voice Over Internet Protocol (VOIP) gateways deployed at various points along a border of a VOIP network, each of the plurality of VOIP gateways including an Interactive Voice Response (IVR) unit operable, responsive to receipt of a test call over the VOIP network by a VOIP gateway associated with the IVR unit, to answer the test call by playing an embedded voice file, wherein playing the embedded voice file comprises transmitting the embedded voice file over the VOIP network; and

a test probe coupled to the VOIP network, the test probe configured to test voice call listening quality in the VOIP network by

generating one or more test calls to each of the plurality of VOIP gateways, wherein the one or more test calls are generated according to a test call generation schedule;

recording the embedded voice files played by each of the plurality of VOIP gateways, and

measuring voice listening quality of the one or more test calls by comparing the recorded embedded voice files to a reference voice file stored within the test probe.

15. (Currently Amended) A method of testing voice call quality in a Voice Over Internet Protocol (VOIP) network comprising:

a step of assigning a plurality of unique telephone numbers to a communications device, wherein each unique telephone number is associated with a different service level;

a step for generating a test call to ~~a~~ the communications device via a selected one of the telephone numbers;

a step for answering the test call by playing a voice file with the communications device, wherein playing the voice file comprises transmitting the voice file over the VOIP network; and

a step for measuring voice call listening quality of the voice file.

16. (Canceled)

17. (Canceled)

18. (Currently Amended) A method as recited in claim ~~17~~ 1, further comprising selecting one of the plurality of unique telephone numbers to which to direct the test call.

19. (Currently Amended) A method as recited in claim ~~17~~ 1, wherein each of the plurality of unique telephone numbers relates to a service level associated with use of a type of coding and a type of signaling.

20. (New) A computer program product as recited in claim 13, wherein the instructions causing the computer to measure voice listening quality from the voice file played by the communications device cause the computer to measure voice listening quality using a perceptual test model.